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SECRET

PIC/D-138-59
31 July 1959

MEMORANDUM FOR: Project Security Officer, DPD-DD/P

SUBJECT: CHALICE Clearance - PIC Employee

1. In order to provide proper implementation to requirements wherein operational collection and intelligence development are involved, CHALICE clearance and briefing is required for the following PIC employee:

25X1

Photo-Intelligence Officer, PIC

2. A full operational briefing is required in the above instance inasmuch as the individual will be working in the Technical Intelligence Services Division, PIC.

ARTHUR C. LUNDAHL
Director,
Photographic Intelligence Center

SE/PIC:jec

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NPIC - NEEDS

4 X 5 Precision Enlarger (Not Logetronic)		
Business Calculator, (Longbranch, NS) Electronic Associates	$15,000	
Card Punch Verifier	1,500	
Electronic Rectifier	110,000	(Approx)
Tilt Computer	7,000	
Eastman Enlarger 20X	21,500	
Modified HTA	37,000	
70mm Automatic Processor	7,500	
Film Coating Equipment	4,000	
IBM Collator (Modified) No. 9909		
Benson Lehner Pop-Up	65,000	
Bausch & Lomb Modified Light Tables (2)	17,500	
Bausch & Lomb Stereo Microscopes (3 Modified)	755	
APEL Film Viewers 12 ea 9 x 18	100	each
Punch Tape Converter	750	
105 mm K & E Reduction Copy System	7,500	
Richardson Straight Viewer (2)	7,000	
Justowriter	6,500	
Copy Camera Plate Maker	7,000	
PI Kits (24)	300	each
Santoni Simplex Model 3 Stereo Plotter	30,000	
Wild M-5 Microscope (6)	21,000	each
Converting TA 3	20,000	
Alvac or equivalent computer	125,000	
Benson Lehner Analog Plotter	25,000	

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Micro-Master Projector Drawing Board	2,600
Telecordex	15,000
RCA Image Enhancement Console Modifier	50,000

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JOINT CENTER

PI Technical (Equipment - viewers - etc.)

1. Group Viewers 6 per center	57,000 each
2. Individual Viewer (Mensuration) 12 per center	57,000 each 37,000 production
3. PI Cell Prototype	750,000
a. Basic System Design Study	50,000
b. Projectors (Catadioptic)	25,000
c. Closed Circuit TV	50,000
d. Read out (Voice)	20,000
e. Collateral Support-Visual	50,000
f. Scintillating Screens-Audio presentation	20,000
g. Multi magnification feature presentation	50,000
4. 117-L Equipment future centers will be made up 2 groups / cells patterned after the prototype	
Comparison Viewers, Center Format, etc.	1,000,000
5. Modify Richardson Viewers for variable light intensity (immediate)	30,000

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Technical Photogrammetric (TISD)	[redacted]
1604 or IBM 7070	750,000 - 1,250,000
Contact Computer Programming @ 25,000 per man year	75,000 immediate 250,000 each service for 3 years
Ultra High Precision Comparators Development Prototype	250,000 - 500,000
Nadir Determination Device Optical (Univ of Cal)	20,000

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Develop NISTRI Nadir recording device (eg)	
1. Basic Design Study	30,000
2. Production Prototype	50,000
Modify Read out of TA-3 Stereocomparator	
(Telecomputing) (Benson Lehner)	30,000
Develop photogrammetric plotter for new read out of computer	
Develop rapid "Frankenstein" type measuring instrumentation	275,000
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Photo technical (IND - Processing - etc)	
Minicard P2 camera (5X)	360,000
Electronic Rectifier	500,000 - 750,000 Prototype
Ansco Rapid Processor	50,000 - 100,000
EK Congo Processor (?) R&D	- - - - - -
ITEK Image Enhancement Electronic Basic Theory Study	35,000
Resolving Power Camera (Tech Lab)	35,000
HYCON Electronic Rectifier Image Enhancement Studies Using Breadboard Rectifier	50,000
Xerography	20,000 each
Kalvar	20,000
Polaroid Developments	20,000
Veljay	20,000
Scanning Microdensitometer	50,000
Modify 4X Enlargers (Photo Devices)	30,000

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